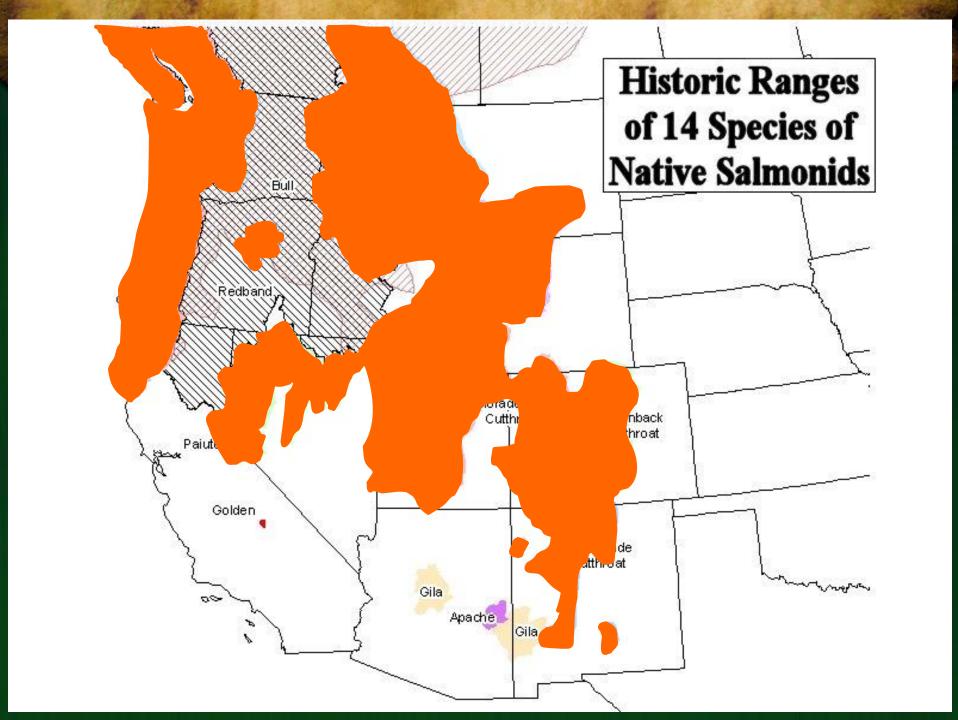
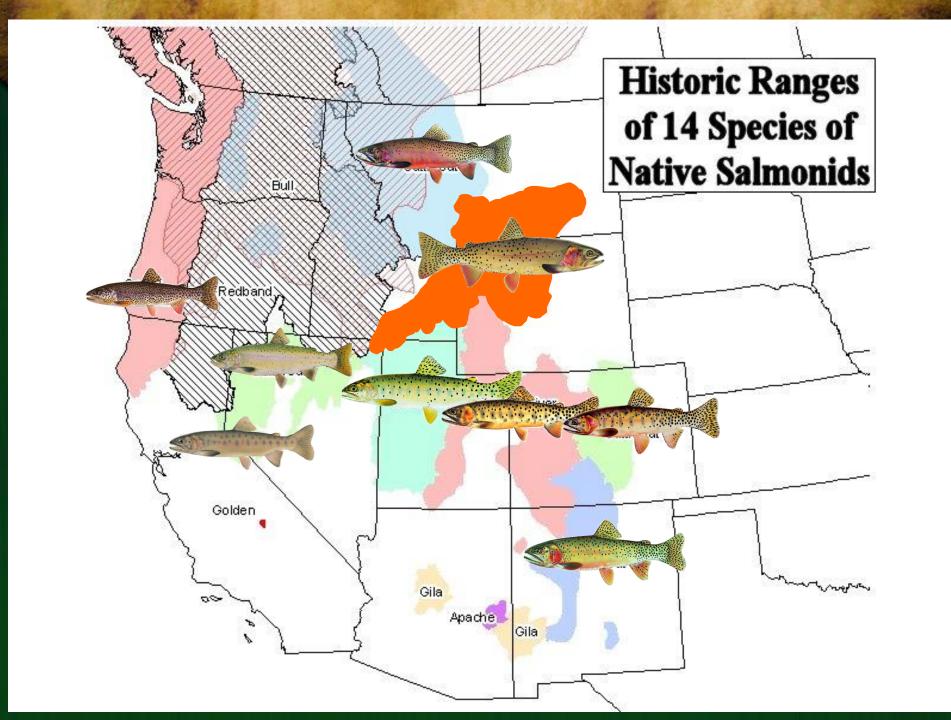
Yellowstone Cutthroat Trout

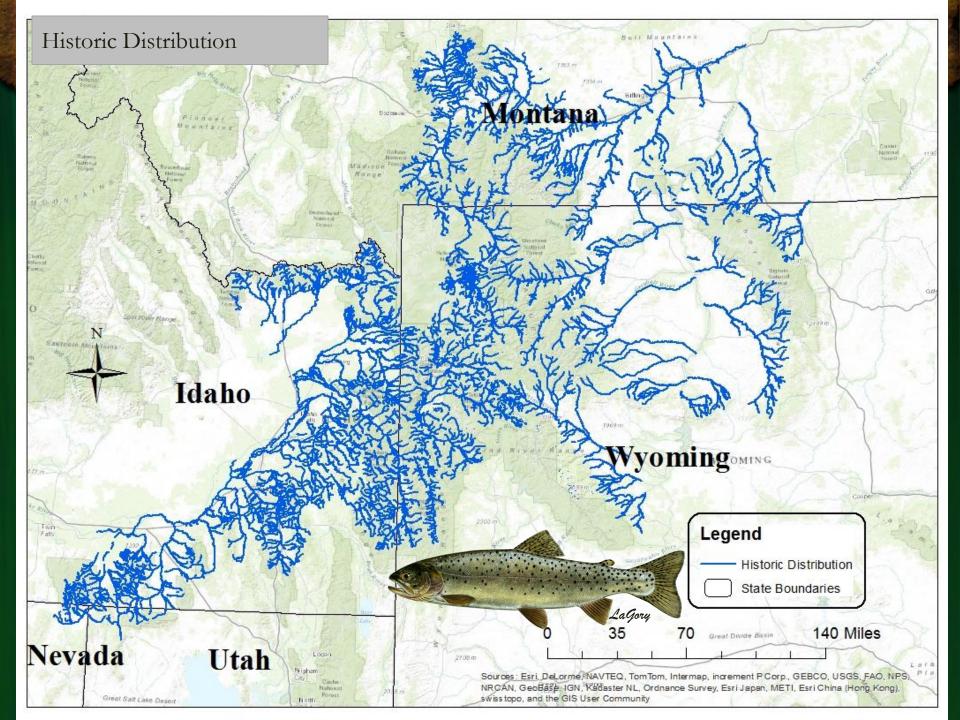


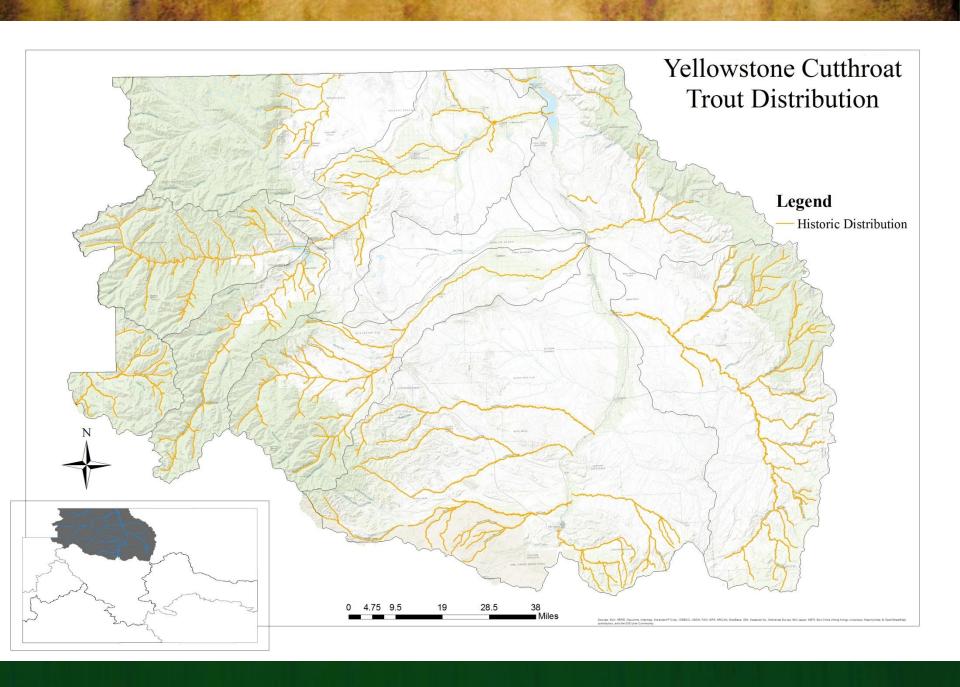
Outline

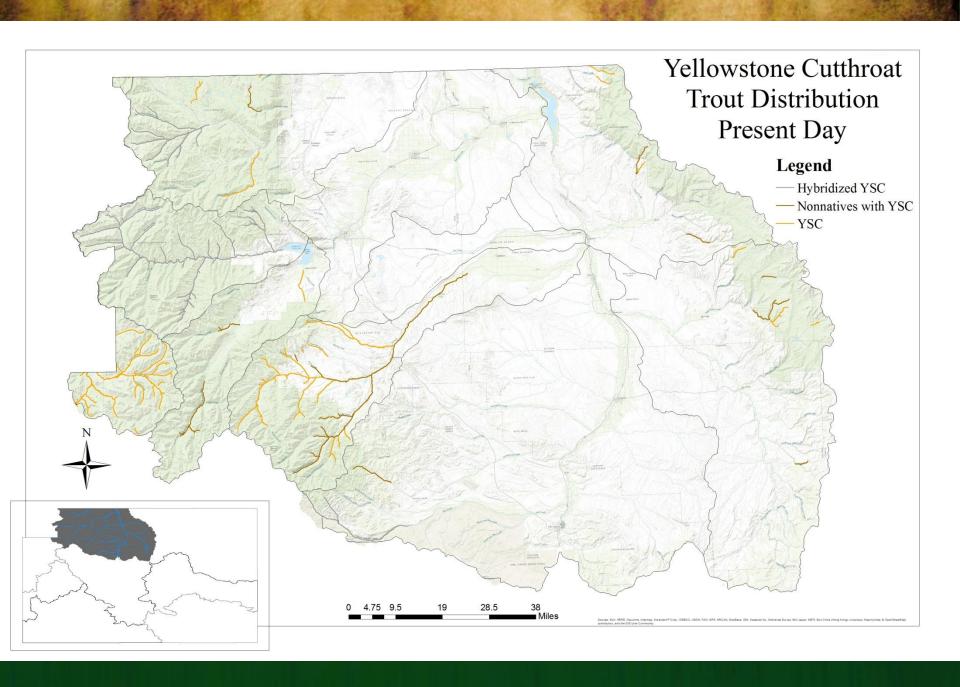
- An introduction to Yellowstone Cutthroat Trout
- · Prehistoric to current day distribution
- · Causes of cutthroat declines
- Examples from the Big Horn Basin
- · Legal and Institutional Status









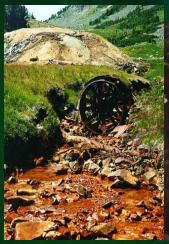


Reasons For Yellowstone Cutthroat Declines

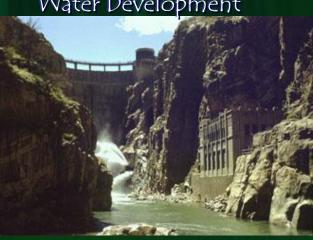
Habitat Degradation

Over Harvest





Water Development





Logging



Grazing



Reasons For Yellowstone Cutthroat Declines

- There is a long history of stocking in Wyoming dating back to the late 1800s
- US Fish Commission was founded in 1871





Nonnative Trout Effects on Yellowstone Cutthroat Trout



Nonnative Trout Effects on Yellowstone Cutthroat Trout

- Rainbow Trout
 - Rainbow Trout are spring spawners and cogeneric with Cutthroat Trout.
 - Hybridization between the two is common and hybrids are viable.



Nonnative Trout Effects on Yellowstone Cutthroat Trout

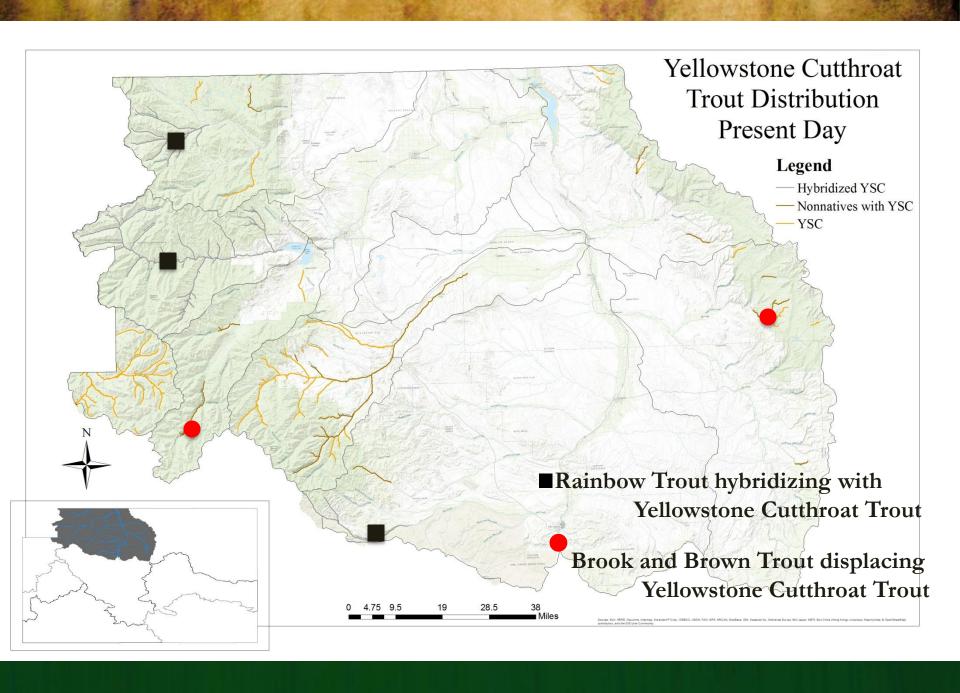
- · Brook and Brown Trout
 - Both species are fall spawners resulting in earlier fry emergence than Yellowstone Cutthroat.
 - Antagonistic competition with and predation by early life forms leads to the reduction in and eventual extirpation of Yellowstone Cutthroat Trout.







• Most of our Yellowstone Cutthroat Trout Populations were already impacted or extirpated before comprehensive fisheries surveys were conducted.



Yellowstone Cutthroat Trout

- 1998 Petitioned for listing under the ESA. 2000- Formation of Yellowstone Cutthroat Trout
- Conservation Team
- 2001 The FWS determine listing not warranted.
- 2003 First Range-Wide Status Assessment completed
- 2004 Groups sue FWS over failing to list YSC forcing
- the FWS into a 12-month status review.
- 2006 FWS completed 12-month status review and determine listing was not warranted.
- 2006- Groups file and intent to sue.
- 2006 Status Review
- 2011-Status Review
- 2016-Status Review -- Underway

Yellowstone Cutthroat Trout Conservation Team

Signatory Agencies

- Wyoming Game and Fish Department
- Idaho Fish and Game
- Montana Fish Wildlife and Parks
- Nevada Department of Wildlife
- Utah Department of Natural Resources
- US Forest Service (Regions 1, 2, and 4)
- US Bureau of Land Management (State Offices in Wyoming, Idaho, Montana, Nevada, and Utah)
- Yellowstone National Park
- National Resource Conservation Service (State Offices in Wyoming, Idaho, Montana, Nevada, and Utah)

Supporting Organizations

- Idaho Trout Unlimited
- Montana Trout Unlimited
- Nevada Trout Unlimited
- Utah Council of Trout Unlimited
- Wyoming Trout Unlimited
- Federation of Fly Fishers

Yellowstone Cutthroat Trout Conservation Team

- Goal is to ensure the persistence of YSC throughout its broad historical range.
- Areas that currently support YSC will be maintained, while other areas will be managed for increased abundance and connectivity of YSC populations.
- New populations will be established where ecologically, economically, and socially feasible.
- YSC populations will be managed to preserve genetic integrity and provide adequate numbers and populations for protection and maintenance of intrinsic and recreational values associated with YSC.
- The cooperators envision a future where threats to wild YSC are either eliminated or reduced to the greatest extent possible.

Nonnative Trout Effects on Yellowstone Cutthroat Trout

To ensure the long-term persistence of Yellowstone Cutthroat Trout we need to secure or establish populations free from the invasion of non-native trout.

